Amendments to the specification

Please replace the paragraph starting at page 1, line 4, with the following amended paragraph.

This application claims the benefit of United States Provisional Application Number 60/158,013, filed October 06, 1999, United States Provisional Application Number 60/170,865, filed December 15, 1999, United States Provisional Application Number 60/208,397, filed May 30, 2000, United States Provisional Application Number 60/210,296, filed June 08, 2000, United States Patent Application Number 09/684,706 ~~(to be assigned reference number 21200.702)~~, filed October 04, 2000, United States Patent Application Number 09/684,565 ~~(to be assigned reference number 21200.706)~~, filed October 04, 2000 and which issued as United States Patent Number 7,020,701, United States Patent Application Number 09/685,020 ~~(to be assigned reference number 21200.707)~~, filed October 04, 2000 and which issued as United States Patent Number 6,832,251, United States Patent Application Number 09/685,019 ~~(to be assigned reference number 21200.708)~~, filed October 04, 2000 and which issued as United States Patent Number 6,826,607, United States Patent Application Number 09/684,387 ~~(to be assigned reference number 21200.709)~~, filed October 04, 2000, United States Patent Application Number 09/684,490 ~~(to be assigned reference number 21200.710)~~, filed October 04, 2000, United States Patent Application Number 09/684,742 ~~(to be assigned reference number 21200.711)~~, filed October 04, 2000, United States Patent Application Number 09/680,550 ~~(to be assigned reference number 21200.712)~~, filed October 04, 2000 and which issued as United States Patent Number 6,735,630, United States Patent Application Number 09/685,018 ~~(to be assigned reference number 21200.713)~~, filed October 04, 2000 and which issued as United States Patent Number 6,859,831, United States Patent Application Number 09/684,162 ~~(to be~~

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~~assigned reference number 21200.715)~~, filed October 04, 2000, and United States Patent

Application Number 09/680,608 ~~(to be assigned reference number 21200.716)~~, filed October 04,

2000, all of which are incorporated by reference.

Please replace the paragraph starting at page 12, line 19, with the following amended

paragraph.

The WINS vehicle internetwork of an embodiment provides an information and control

internetwork for vehicles, including the associated hardware, together with a suite of applications.

An embodiment of the vehicle internetwork disclosed and claimed herein includes a

wireline/wireless automotive gateway, programmable IDB-C bus interfaces, and complete

internetworked vehicle systems. Automotive Multimedia Interface Consortium (AMI-C) network

functions, including telematics, access to vehicle data systems, and security are enabled in this

vehicle internetwork using open interfaces that enable interaction with standard web-based

software, tools, and databases. The vehicle internetwork leverages the development of hybrid

wireless, wireline networked embedded systems, described in United States Provisional

Application Number 60/158,013, filed October 06, 1999, United States Provisional Application

Number 60/170,865, filed December 15, 1999, United States Provisional Application Number

60/208,397, filed May 30, 2000, United States Provisional Application Number 60/210,296, filed

June 08, 2000, United States Patent Application Number 09/684,706 ~~(to be assigned reference~~

~~number 21200.702)~~, filed October 04, 2000, United States Patent Application Number 09/684,565

~~(to be assigned reference number 21200.706)~~, filed October 04, 2000 and which issued as

United States Patent Number 7,020,701, United States Patent Application Number 09/685,020 ~~(to~~

~~be assigned reference number 21200.707)~~, filed October 04, 2000 and which issued as United States

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Patent Number 6,832,251, United States Patent Application Number 09/685,019 ~~(to be assigned reference number 21200.708)~~, filed October 04, 2000 and which issued as United States Patent Number 6,826,607, United States Patent Application Number 09/684,387 ~~(to be assigned reference number 21200.709)~~, filed October 04, 2000, United States Patent Application Number 09/684,490 ~~(to be assigned reference number 21200.710)~~, filed October 04, 2000, United States Patent Application Number 09/684,742 ~~(to be assigned reference number 21200.711)~~, filed October 04, 2000, United States Patent Application Number 09/680,550 ~~(to be assigned reference number 21200.712)~~, filed October 04, 2000 and which issued as United States Patent Number 6,735,630, United States Patent Application Number 09/685,018 ~~(to be assigned reference number 21200.713)~~, filed October 04, 2000 and which issued as United States Patent Number 6,859,831, United States Patent Application Number 09/684,162 ~~(to be assigned reference number 21200.715)~~, filed October 04, 2000, and United States Patent Application Number 09/680,608 ~~(to be assigned reference number 21200.716)~~, filed October 04, 2000, and incorporated herein by reference.

Please add the following three new paragraphs starting at page 16, line 2.

A vehicle internetwork comprises a plurality of network elements including at least one node and at least one vehicle bus coupled amount at least one peripheral electronic device. The functions of the plurality of network elements are remotely controllable. The at least one node manipulates node information including configuration and security information to provide secure interoperability among the plurality of network elements and the at least one peripheral electronic device.

A vehicle internetwork comprises a plurality of network elements including at least one

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electronic device coupled among at least one node and at least one vehicle bus. The plurality of network elements are remotely accessible via at least one wireless Internet coupling with at least one remote computer. The plurality of network elements manipulate network data including configuration and security data to provide secure interoperability among the plurality of network elements.

A vehicle internetwork, comprising: means for coupling a plurality of network elements including at least one node and at least one vehicle bus among at least one peripheral electronic device, means for manipulating node information including configuration and security information; means for automatically assembling and configuring the plurality of network elements in response to the node information; means for remotely controlling at least one function of the plurality of network elements; and means for providing secure interoperability among the plurality of network elements in response to the node information.

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